



COOOPER et al. S.N. 09/853,688

GTG TTT CTC TAA CAC AGC TCT C (GH5DR);
TCC CCA ATC CTG GAG CCC CAC TGA (GH6DF)
CGT AGT TCT TGA GTA GTG CGT CAT CG (GH6DR);
TTC AAG CAG ACC TAC AGC AAG TTC G (GHD7F);
CTT GGT TCC CGA ATA GAC CCC G (GH7DR);
GTGCCCCAAGCCTTTCCC (LCR15: 1159-1177);
TGTCAGATGTTTCAGTTCATGG (LCR13: 1391-1412);
CCTCAAGCTGACCTCAGG (LCR25: 1346-1363);
GATCTTGGCCTAGGCCTCG (LCR23: 1584-1602);
LCR 5A (5' CCAAGTACCTCAGATGCAAGG 3');
LCR 3.0 (5' CCTTAGATCTTGGCCTAGGCC 3');
LCR 5.0 (5' CCTGTCACCTGAGGATGGG 3');
LCR 3.1 (5' TGTGTTGCCTGGACCCTG 3');
LCR 3.2 (5' CAGGAGGCCTCACAAGCC 3');
LCR 3.3 (5' ATGCATCAGGGCAATCGC 3');
GH1G5 (5' GGTACCATGGCTACAGGTAAGCGCC 3');
GH1G3 (5' CTCGAGCTAGAAGCCACAGCTGCCC 3');
BGH3 (5' TAGAAGGCACAGTCGAGG 3');
GH1F (5' GGGAGCCCCAGCAATGC 3');
GH1R (5' TGTAGGAAGTCTGGGGTGC 3'
GH1R5 (5' ATGGCTACAGGCTCCCCG 3'); and
GH1R3 (5' CTAGAAGCCACAGCTGCCC 3').

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CANCEL claims 40 and 41.

R E M A R K S

Responsive to the restriction requirement set forth in the outstanding Official Action, Applicants hereby provisionally elect Group I, claims 1-11, 21, 27, 40, and 41, drawn to methods for detecting variations in nucleic acids of GH1, with traverse.